



HUMBOLDT BAY MUNICIPAL WATER DISTRICT

828 SEVENTH STREET • EUREKA, CALIFORNIA 95502

OFFICE 707-443-5018 FAX 707-443-5731

Website: www.hbmwd.com

CERTIFIED WATER LOSS AUDIT VALIDATION REPORT

PART A - PROVIDED BY THE VALIDATOR

Audit Information:

Utility: McKinleyville CSD

PWS ID: 1210016

System Type: Potable

Utility Representation: James Henry

Audit Period: Calendar 2017

Validation Date: 9/26/18

Sufficient Supporting Documents Provided: Yes

Call Time: 1:30pm

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 58

Data Validity Bank (Level): Level III

ILI: 1.34

Apparent Loss: 1.47 gal/conn/day

(Infrastructure Leakage Index)

Real Loss: 19.64 gal/conn/day

Non-Revenue Water as Percent of Cost of Operating System: 8.1%

Certification Statement by Validator:

This water loss audit report has been Level 1 Validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34. All recommendations on Volume Derivation and Data Validity Grades were incorporated into the water audit. Yes

If all recommendations regarding Volume Derivation and Data Validity Grades were NOT incorporated into the water audit, provide explanation below:

Validator Information:

Water Audit Validator: Chris Harris

A handwritten signature in blue ink, appearing to read "Chris Harris", is written over a horizontal line.

Validator Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA



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CERTIFIED WATER LOSS AUDIT VALIDATION REPORT, CONT

PART B - PROVIDED BY THE UTILITY/AGENCY

Water Supplier Name: McKinleyville CSD

Water Supplier ID Number: 1210016

Water Audit Period: Calendar 2017

Water Audit & Water Loss Improvement Steps:

Utility/Agency to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed the annual validated water audit:

The McKinleyville Community Services District has:

Completed the radio replacement program. 99% of the customer meters have been replaced with Radio Read meters.

These meters give us the capability to run a profile on usage for each meter and detect a leak on the customer's side. The profile will also show how long the leak was present.

--MCSD is also in the process of upgrading all the digital control for each pumping station which will improve data collecting and profiling.

--MCSD has found and repaired several service line leaks.

--MCSD has performed valve exercising.

Certification Statement by Utility Executive:

This water loss audit report meets the requirement of California Code of Regulations, Title 23, Division 2, Chapter 7, and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in the manual, Water Audit Loss Control Programs, Manual M36, Fourth Edition and in the Free Water Audit Software version 5.

Executive Name and Position (Print)

GREGORY P. ORSINI GENERAL MANAGER

Executive Signature and Date

A handwritten signature in blue ink, appearing to read "Greg Orsini", is written over a horizontal line.

28 SEP 2018